

DATA SHEET

U 5.65 (XL K) ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

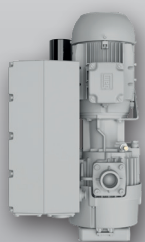
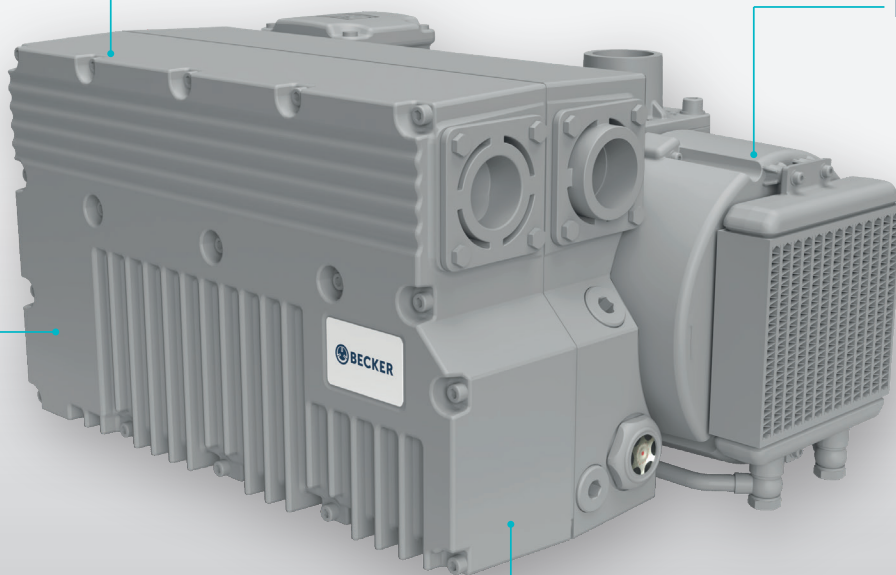
MAKE IT BECKER.

COMPACT

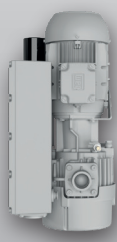
ROBUST

DURABLE

MODULAR



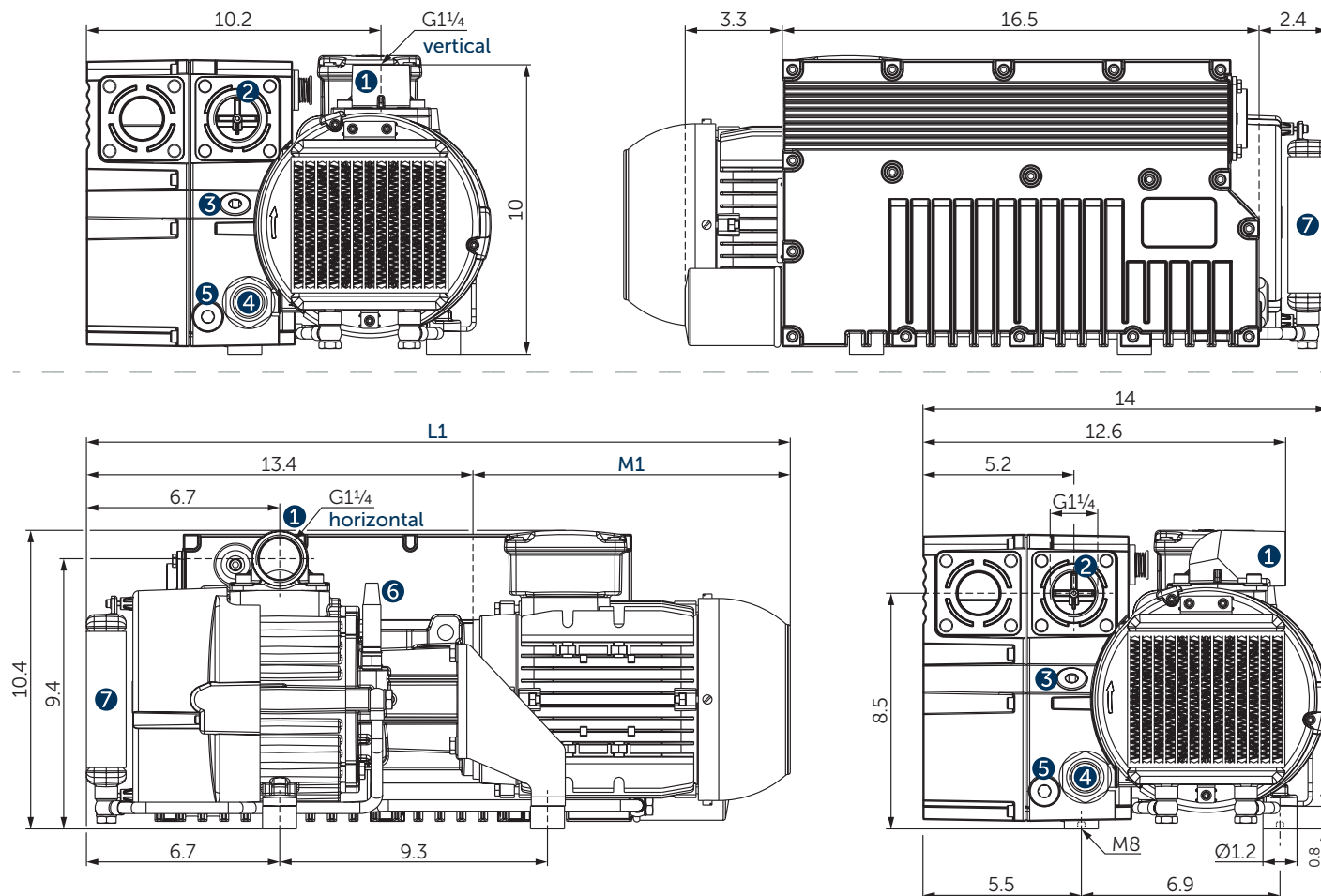
U 5.65 XL K



U 5.65



U 5.65 XL K WITH 2.0 L TANK AND OIL-AIR COOLER



- 1 Vacuum connection (G1¹/₄) vertical or horizontal, rotatable in 90° steps
- 2 Threaded connector for exhaust air (G1¹/₄)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Standard gas ballast valve 2.25 Torr, alternative valve on request

- 7 Oil-air cooler
- L Overall device length **L1** with motor. **L1** and **M1** are variable, see separate motor specification sheet.
 - Including oil filter, vibration dampers, integrated non-return valve and integrated oil separator
 - The motor illustration may vary.
 - Dimensions in inch

	Nominal capacity		Vacuum absolute for continuous operation		Installed motor power		Emission sound pressure level ¹⁾		Weight w/o motor	Oil ²⁾
	CFM		Torr		hp		dB(A)		lbs	U.S. gal.
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
U 5.65 XL K	38.2	45.9	0.375 ³⁾ –225	0.375 ³⁾ –225	2.0	2.0–2.4	68	71	≈79	0.528
U 5.65	38.2	45.9	0.375 ³⁾ –75	0.375 ³⁾ –75	2.0	2.0–2.4	64	68	≈68	0.264

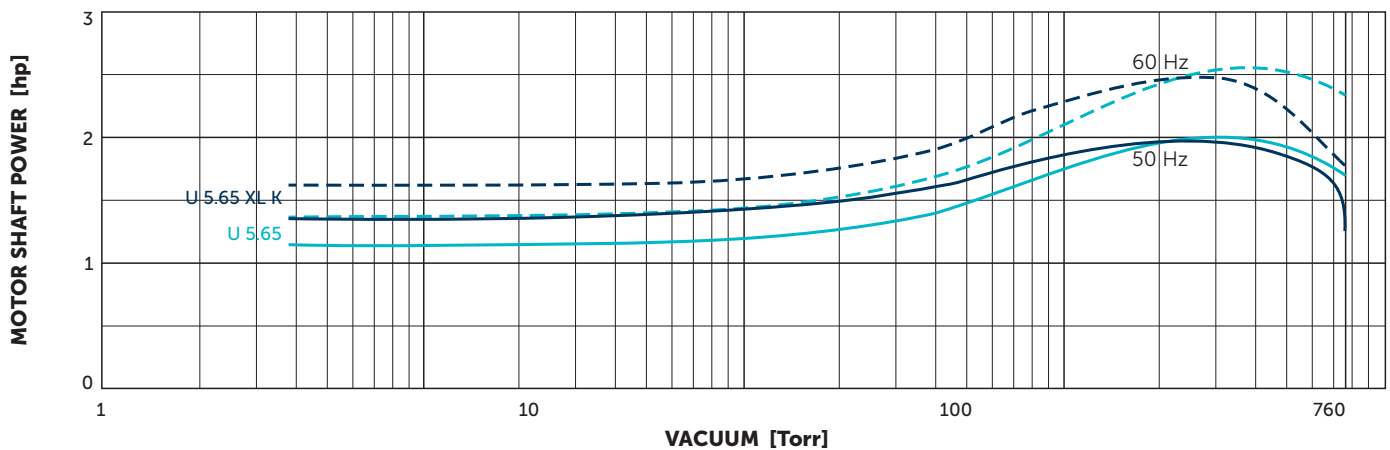
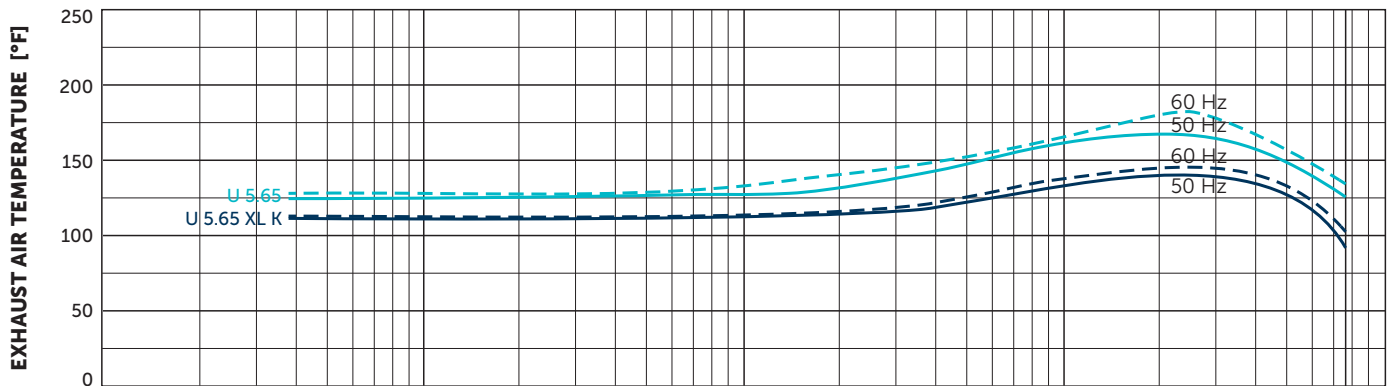
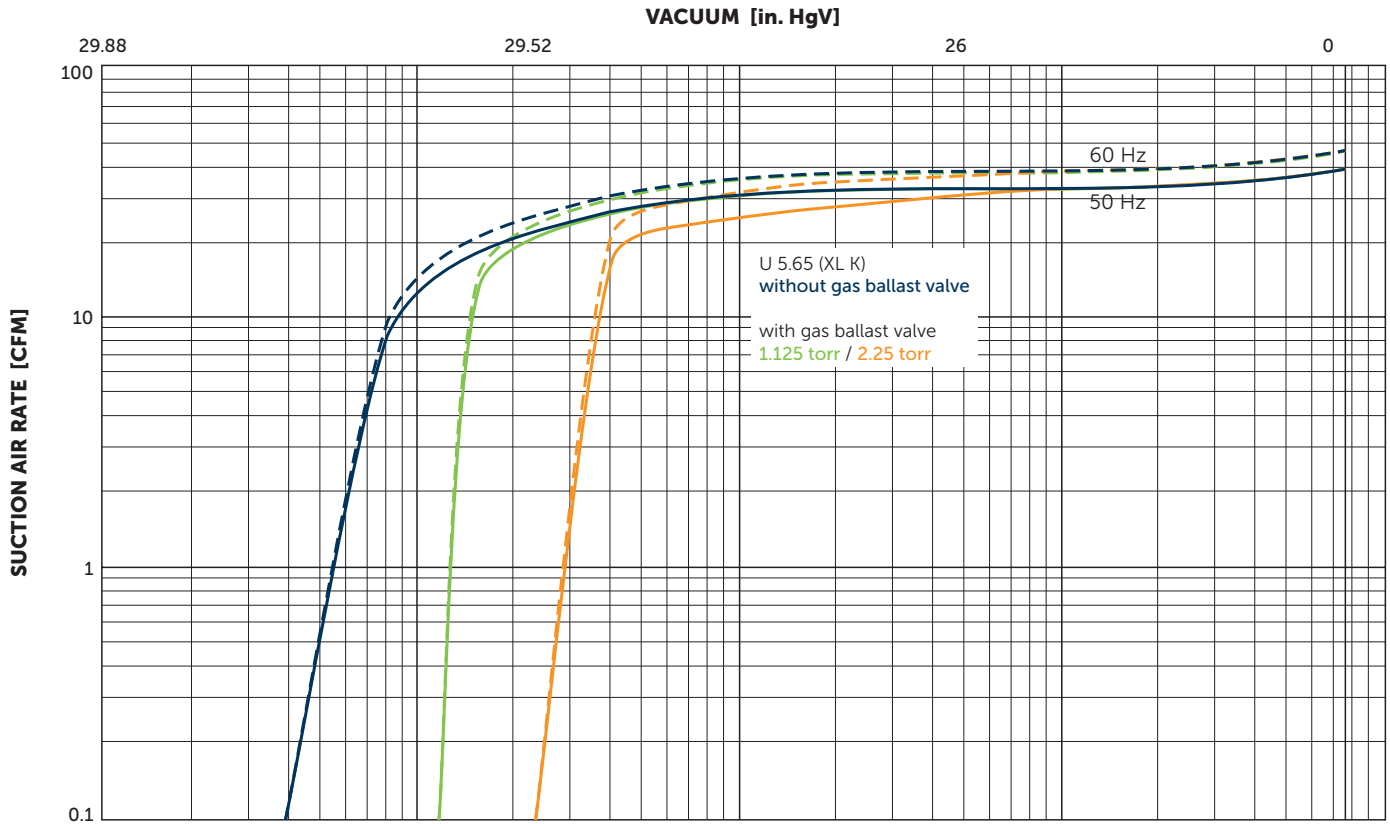
¹⁾ Emission sound pressure level, with the highest measured values, L_{pA} (re 20 μPa):
 The values were determined according to the noise measurement DIN EN ISO 9614-2:1996-12, the basic standard DIN EN ISO 2151:2009-01 and DIN EN ISO 11203. Data according to DIN EN ISO 4871. Measurement uncertainty K_{pA} of 3 db.

²⁾ Oil types and application see operating instructions

³⁾ Without gas ballast valve

▪ Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F; Tolerance: ±10%

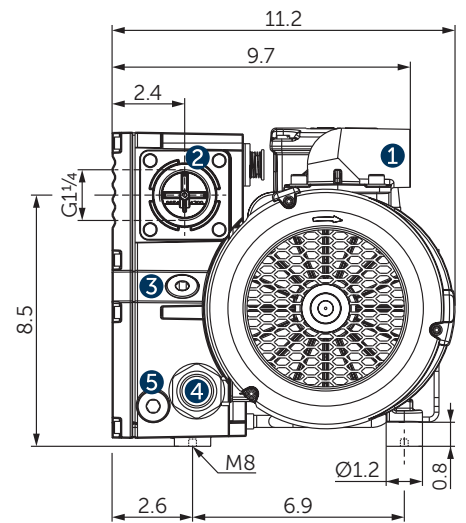
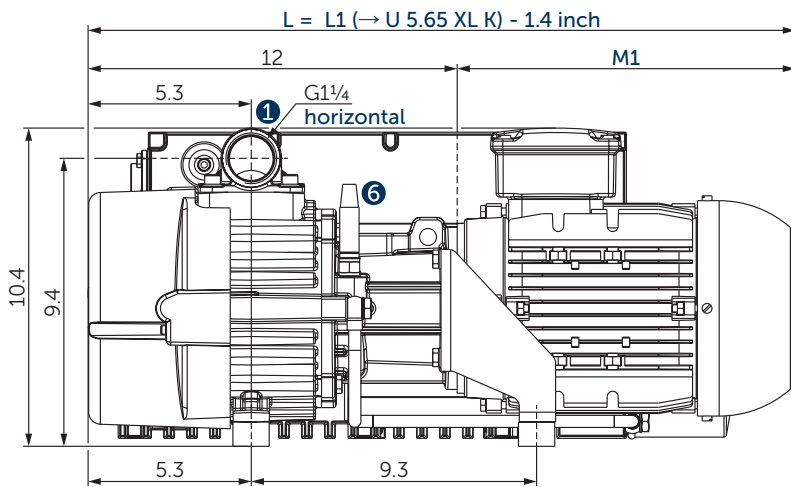
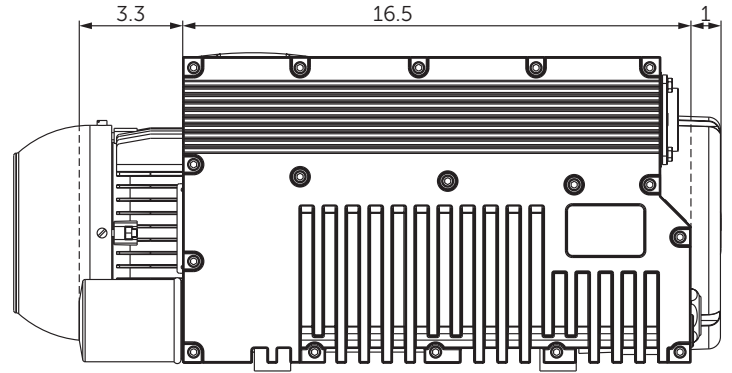
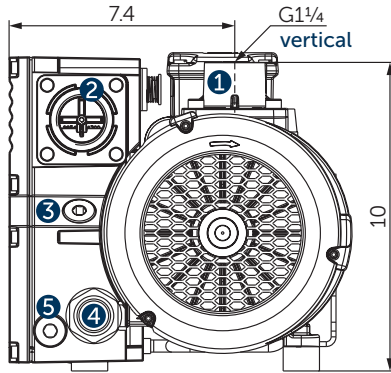
▪ Water vapour tolerance U 5.65 XL K max. 15.375 Torr / U 5.65 max. 25.35 Torr, water vapour capacity max. 0.132 U.S.gal./h (at 185°F operating temperature)



Suction air rate refers to the intake pressure
Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F
Tolerance: ±10%

+ VARIANTS

U 5.65 WITH 1.0 L TANK



- 1 Vacuum connection (G1¹/₄) vertical or horizontal, rotatable in 90° steps
- 2 Threaded connector for exhaust air (G1¹/₄)
- 3 Oil filler cap
- 4 Oil sight glass
- 5 Screw plug for oil drain
- 6 Standard gas ballast valve 1.125 Torr, alternative valve on request

L Overall device length **L** with motor. **L** (**L1** of U 5.65 XL K) and **M1** are variable, see separate motor specification sheet.

- Including oil filter, vibration dampers, integrated non-return valve and integrated oil separator
- The motor illustration may vary.
- Dimensions in inch

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